

COLNE VALLEY
COMBINED
URBAN SANITARY DISTRICT.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
FOR 1895.

ALFRED G. WEBSTER, M.R.C.S., L.R.C.P.

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COLNE VALLEY COMBINED URBAN SANITARY DISTRICT.



GOLCAR, JANUARY, 1896.

Messrs. the Sanitary Authorities of the Combined Districts.

GENTLEMEN,

I have the honour to place before you my Report upon the health and mortality in your districts during the year 1895.

Taken as a whole, the Registrar's returns are of a generally favourable character, for although the total number of deaths throughout the districts is somewhat greater than in the preceding year, bringing about a slight elevation of the death-rate, we cannot but regard the general death-rate of 18·62 as satisfactory, when considered in the light of the exceptional severity of the weather in the early months of the year; the large number of deaths of old people; and the incidence of several epidemics of Zymotic Disease.

Inasmuch as I am thoroughly convinced that no material alteration in the population of the several districts has occurred (the excess of births over deaths being more than met by emigration), I have decided for the purpose of preparing the vital statistics and tables of this report, to retain the figures of last year, viz. :—24,652.

BIRTHS.—Six hundred and forty-one (641) were registered during the year, producing a birth-rate of 26·0 per 1000 persons living. This is decidedly an improvement upon last year, when the births were only 606, and the rate 24·6. 326 of these were males, and 315 females.

DEATHS.—Four hundred and fifty-nine were recorded, giving a death-rate of 18·62. Last year only 427 were registered, and the death-rate was 17·32.

AGES AT DEATH.—One hundred and two, or 159·13 per 1000 of the births, occurred in children under one year; 52 were under 5 years; 23 between 5 and 15; 26 were 15 and under 25; 140 were 25 and under 65; 116 were over 65; and 25 were over 80.

PRINCIPAL CAUSES OF DEATH.—An analysis of the Registrar's returns shows that out of the total of 459 deaths, 112 were due to diseases of the respiratory organs, 47 of which were attributed to Phthisis. The Respiratory death-rate produced by these deaths is 4·54, lower than has been the case for many years, and a continuation of the gradually decreasing death-rate from these causes. In 1891 it was 7·38; 6·20 in 1892; 5·76 in 1893; and 4·95 in 1894.

Heart Disease is recorded as the cause of death in 30 instances; Infantile Convulsions in 31; Cancer in 14; Senile Decay in 44; whilst 20 are ascribed to accidents or violence.

ZYMOTIC DISEASES.—Altogether 38 deaths were returned as due to diseases of this character. 13 of these were from Measles; 8 from Diphtheria; 7 from Typhoid Fever; 5 from Influenza; 3 from Croup; and one each from Scarlet Fever and Whooping Cough.

The Zymotic death-rate for the combined districts for the year is 1·54, varying very slightly only from last year, when the deaths were 36, and the rate produced 1·46.

The number of deaths, however, recorded as due to Zymotic disease, supply, fortunately, no criterion as to the extent to which such diseases have prevailed in your districts. I have had repeated occasion to report to your several Boards as to the incidence of such epidemics, and upon several occasions to advise the closure of the schools.

MEASLES.—This disease was epidemic practically all over the whole of your districts during the second and third quarters of the year, especially so in Golcar, Slaithwaite and Linthwaite. The special reports upon the epidemic and those in respect of the closing of schools are to be found at the conclusion of this report. One cannot too strongly condemn the careless indifference so commonly exhibited by parents in respect to this and other Zymotic diseases of childhood. Despite the sharp sad object lessons driven home here and there by bitter experience, no efforts seem able to induce the generality of people to protect their children from those secondary complications of the diseases so prone to occur, or indeed to regard the attacks as anything but unavoidable, yet trivial, ailments.

On the other hand I cannot too gratefully acknowledge the promptness and unanimity with which your several Councils have endorsed and acted upon my suggestions; as also the invariable readiness to comply and assist, as far as possible, exhibited by the Managers and Teachers of the various schools.

SCARLET FEVER.—This disease, although accountable for one death only, has prevailed more or less extensively in the Linthwaite and Marsden districts. In Linthwaite the cases occurred chiefly in the first and second quarters; in Marsden during the last quarter of the year. In Linthwaite the cases have been scattered and difficult to trace to any common origin, but doubtless spread by the intermingling

either at school or play of slightly affected children with healthy ones. In Marsden the outbreak commenced in a house where recently a child visiting there from a distance had been taken ill and removed home, in all probability having contracted the disease before its visit. The disease continued to spread, and that in spite of all the usual precautions. Handbills were distributed; a house to house visitation made; milk supply sources examined; disinfectants freely supplied, and isolation insisted upon as far as possible in the absence of any hospital provision. To this imperfect system of isolation and the thoughtless habit of frequent neighbourly inter-visiting under any circumstances I attribute mainly the spread of the disease. Fortunately the cases were all of a mild character, and the epidemic ended without fatality. I append the special report upon the outbreak.

TYPHOID FEVER.—This disease at no time during the year became of an epidemic character. Cases occurred in each of your districts with the exception of Scammonden. Enquiry was made into the cases as they arose, all sanitary adjuncts supplied, and faulty drainage conditions rectified where discovered.

INFLUENZA.—In the latter weeks of the first quarter and the early ones of the second, Influenza prevailed greatly in all your districts. Although five deaths only are given as due to this disease, there can be little doubt but that by its enervating effects it contributed in no small degree to many of the deaths attributed to other causes, especially in the case of old people, whose thus doubly impaired vitality made them easy victims to any, or practically speaking, no disease.

WHOOPING COUGH.—Only in the Golcar district am I aware of this having prevailed to any great extent. So much so, however, did it obtain in the Wellhouse portion of their district as to necessitate the closing of the school. My special report thereon is appended.

NOTIFICATION OF INFECTIOUS DISEASE.—During the past year Marsden has seen fit to follow the lead of Linthwaite, and adopt the Compulsory Notification of Diseases Act. I have already expressed my great satisfaction and approval at this course, and must continue to strongly urge the other Councils in the Combined District to follow their example; not alone that it would provide me with knowledge of the early cases of such diseases, and consequently give greater facilities for preventing their spread; but that it would tend greatly to their consideration of the question of providing hospital accommodation for the isolation of such cases.

ISOLATION HOSPITAL.—Upon this subject I can only repeat my remarks of last year: that whereas the existing Hospital at Moor Top is for Smallpox patients only, urgent need for isolation accommodation for other diseases is frequently arising, practically in all your districts; and that in my opinion this can best be provided through the combination and united action of all your Councils.

WORKSHOPS.—A large number have been visited by myself and the Sanitary Inspectors of the several districts. Upon our suggestion many have been improved and altered so as to become more habitable and sanitary. Much yet remains to be done, but generally speaking, their condition during the past year has been greatly improved.

Two cases occurred during the first quarter bearing upon the question of seizure of diseased meat. One in Linthwaite, where I took possession of and destroyed some 60 lbs. of locally diseased beef; and another in which a diseased carcase was removed from Slaithwaite to Oldham, and there exposed for sale, and upon seizure and conviction, the defendant was fined £20 and costs.

Accounts of the Sanitary work and condition in the several districts, as also remarks upon Water Supply, &c., are given in the reports made to the individual Councils.

The Tables following this, and each of the Reports to the separate Councils will sufficiently explain themselves.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

Table shewing the Births and Deaths (Total, Zymotic and "Respiratory,") also in each case the Rates per 1,000 per annum for the different townships forming the Colne Valley Sanitary District, and for the district taken as a whole (Combined District) during the year 1895.

TOWNSHIPS.	Popu- tion,	Births.	Birth- rate,	Deaths.	Death- rate.	Zymotic.	Rate.	Respira- tory.	Rate.
Golcar	9108	216	23.72	164	18.01	14	1.54	36	3.95
Linthwaite ..	6666	176	26.4	125	18.75	12	1.8	27	4.05
Marsden	3855	122	31.65	81	21.01	6	1.56	27	7.0
Scammonden	453	13	28.70	8	17.66	0	Nil.	3	6.62
Slaithwaite ..	4570	114	24.94	81	17.72	6	1.31	19	4.16
Combined..	24652	641	26.0	459	18.62	38	1.54	112	4.54

Table giving total number of Deaths, Zymotic Deaths, and Births from 1891 to 1895.

YEAR.	TOTAL DEATHS.		ZYMOTIC DEATHS.		BIRTHS.		POP.
	No.	Rate.	No.	Rate.	No.	Rate.	
1891	493	20.2	39	1.58	660	26.77	24652
1892	439	17.8	44	1.78	689	27.94	24652
1893	446	18.08	61	2.47	714	28.96	24652
1894	427	17.32	36	1.46	606	24.6	24652
1895	459	18.62	38	1.54	641	26.0	24652

**Deaths classified according to Disease, and with regard to
Ages and Periods.**

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	
Small Pox .....	..	..	..	..	..	..	..	..	..	..	..
Measles.....	..	7	5	1	13	..	..	..	..	..	13
Scarlet Fever .....	..	1	..	..	1	..	..	..	..	..	1
Diphtheria	2	3	1	..	6	..	2	..	..	2	8
Whooping Cough .....	..	..	..	1	1	..	..	..	..	..	1
Typhoid Fever ..	..	..	..	..	..	2	1	3	1	7	7
Diarrhœa, &c.....	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..	..
Croup .....	..	1	1	1	3	..	..	..	..	..	3
Pyæmia .....	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	5	..	2	2	9	3	..	1	3	7	16
Cancer .....	..	..	..	..	..	6	1	2	5	14	14
Influenza .....	..	..	..	..	..	2	3	..	..	5	5
Phthisis .....	..	..	1	..	1	12	13	15	6	46	47
Rheumatic Fever .....	..	..	..	..	..	1	..	..	..	1	1
Convulsions.....	3	6	6	15	30	..	..	1	..	1	31
Heart Disease.....	..	..	..	..	..	11	2	7	10	30	30
Bronchitis, &c. &c.	4	10	2	3	19	10	7	2	11	30	49
Childbirth .....	..	..	..	..	..	..	1	..	1	2	2
Premature Birth	1	..	5	2	8	..	..	..	..	..	8
Old Age .....	..	..	..	..	..	13	13	5	13	44	44
Accident, Violence, &c.	1	1	..	..	2	5	6	3	4	18	20
Other Diseases ..	17	13	17	14	61	25	29	23	21	98	159
	33	42	40	39	154	90	78	62	75	305	459

**Table of Births and Deaths, occurring in each Quarter,
with ages at Death.**

Population.	Period.	Births	Deaths under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	Deaths at all ages
24,652	1st Quarter	146	24	9	8	9	44	29	123
	2nd Quarter	156	20	22	6	10	30	32	120
	3rd Quarter	185	29	11	4	5	35	18	102
	4th Quarter	154	29	10	5	2	31	37	114
		641	102	52	23	26	140	116	459

GOLCAR, JANUARY, 1896.

*Messrs. the Sanitary Authorities of the Urban District of
Golcar.*

GENTLEMEN,

I beg herewith to submit to you my Report for the year 1895, on the health and sanitary condition of your township.

In common with the other districts I maintain your population as last year, viz. : 9108.

VITAL STATISTICS.

BIRTHS.—Two hundred and sixteen births were registered during the year, of these 111 were males and 105 females. The birth-rate produced by these numbers is 23·71, a slight advance upon the preceding year, when with five births less the rate was 23·17.

DEATHS.—The total number of deaths recorded was 164, giving a death-rate of 18·01, a little higher than last year when the deaths numbered 156 and the rate was 17·13.

AGES AT DEATH.—Thirty-seven deaths occurred in infants under one year, or at the rate of 171 per 1,000 children born. 18 were one and under five; eight were five and under 15; 12 were 15 and under 25; 49 were 25 and under 65; whilst 40 were 65 and upwards.

CAUSES OF DEATH.—Thirty-six deaths were consequent upon disease of the Respiratory Organs, giving a death-rate from these diseases of 3·95. In 1893 there were 54 such deaths, and in 1894 there were 50. Seventeen of these deaths, or nearly one-half, were due to Phthisis.

Zymotic diseases have been somewhat largely prevalent in your district during the year, epidemics of Influenza, Measles, and Whooping Cough having occurred. The difficulty of gauging the actual extent and numbers of cases of these

diseases is obvious, still, their effect upon the schools was such as to necessitate the closing of one or more of them upon three separate occasions. My reports upon these are appended: --

The total of 14 Zymotic deaths producing a rate of 1.54 was made up as follows:—3 were from Measles; 4 from Diphtheria; 3 from Typhoid Fever; 2 from Influenza; and 1 each from Croup and Whooping Cough. In 1894 there were only 10 deaths and a rate of 1.1.

HEART DISEASE was the cause of death in 8 instances; Cancer in 7; whilst 13 were ascribed to Convulsions in Children; 7 were the result of accident or violence, and 19 were due to Senile decay.

SANITARY.

Your Inspector reports very satisfactorily in connection with the abatement and remedying of nuisances discovered. In the great majority of cases upon pointing out the mischief to the property owners, his suggestions as to their improvement have been carried out. In several cases, however, it has been necessary to report to your Council. Ordinary measures have proved effectual, for in no one case have legal proceedings become necessary.

A large number of sink-stone pipes, fall pipes, &c., have been disconnected, and efficient traps substituted for worthless ones. Some eight new closets have been built in connection with the same number of new buildings, this in accordance with the rule of your Council that insists upon a separate closet for each dwelling. Two urinals in connection with Publichouses complained of as nuisances have been overhauled, screened, and made sanitary. Four notices were served upon owners of Pigs kept in styes in too near proximity to houses. These have all been removed. One instance of over-crowding was reported, but at once remedied upon the Inspector's visit.

BAKE HOUSES.—Only two exists in your districts ; both of which have been several times visited by your Inspector and myself. Some important alterations, *re* ventilation and drainage have upon our advice been carried out, and both are now in a good and satisfactory condition.

The Slaughter Houses, Dairies, and Cowsheds, are frequently visited, and are generally in a good, well ventilated and clean condition.

DRAINAGE—This is fairly efficient, and the precipitation works in good working order. An addition to the tanks at the Crimble Works is very desirable. The further extension of your system by the laying down of 580 yards of new sewer in the West Ward, is greatly to be commended.

SCAVENGING.—Although some little difficulty has been experienced during the year in keeping the contractors up to their work in this department, I regard it otherwise in a very satisfactory condition.

I have not seen or heard of any case of exposure for sale of diseased or unwholesome food.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

Table of Births and Deaths, occurring in each Quarter, with ages at Death.

Population.	Period.	Births.	Deaths under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Deaths at all ages.
9,108	1st Quarter	42	9	2	3	4	20	9	47
	2nd Quarter	46	5	7	4	7	4	12	39
	3rd Quarter	64	10	4	0	1	17	7	39
	4th Quarter	64	13	5	1	0	8	12	39
		216	37	18	8	12	49	40	164

Table showing Births and Deaths (Total, Zymotic, and Respiratory,) from 1885 to 1895.

Year.	Births.	Total Deaths	Zymotic Deaths.	Respiratory Deaths.
1885	241	163	13	63
1886	271	178	28	48
1887	253	192	22	60
1888	262	141	11	48
1889	279	149	10	47
1890	209	137	6	52
1891	250	177	10	64
1892	243	165	18	48
1893	244	157	17	54
1894	211	156	10	50
1895	216	164	14	36

Deaths classified according to Disease, and with regard to Ages and Periods.

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	
Small Pox .....	..	..	..	..	..	..	..	..	..	..	..
Measles .....	..	1	2	..	3	..	..	..	..	..	3
Scarlet Fever .....	..	..	..	..	..	..	..	..	..	..	..
Diphtheria .....	..	2	1	..	3	..	1	..	..	1	4
Whooping Cough .....	..	..	..	1	1	..	..	..	..	..	1
Typhoid Fever ..	..	..	..	..	..	..	..	3	..	3	3
Diarrhœa, &c. ....	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..	..
Croup .....	..	1	..	..	1	..	..	..	..	..	1
Pyæmia .....	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	1	..	..	..	1	..	..	..	..	..	1
Cancer .....	..	..	..	..	..	3	..	2	2	7	7
Influenza .....	..	..	..	..	..	2	..	..	..	2	2
Phthisis .....	..	..	..	..	..	6	5	6	..	17	17
Rheumatic Fever ..	..	..	..	..	..	1	..	..	..	1	1
Convulsions	1	2	3	7	13	..	..	..	..	..	13
Heart Disease .....	..	..	..	..	..	3	1	3	1	8	8
Bronchitis, &c. &c.	2	2	1	..	5	4	3	1	5	13	18
Childbirth .....	..	..	..	..	..	..	..	..	1	1	1
Premature Birth ..	..	..	2	1	3	..	..	..	..	..	3
Old Age .....	..	..	..	..	..	4	7	3	5	19	19
Accident, Violence, &c. ....	..	..	..	..	..	4	1	1	1	7	7
Other Diseases ..	7	4	5	9	25	9	9	6	6	30	55
	11	12	14	18	55	36	27	25	21	109	164

GOLCAR, JANUARY, 1896.

*Messrs. the Sanitary Authorities of the Urban District of
Linthwaite.*

GENTLEMEN,

I have the honour to present to you my Health Report upon your district for the year 1895.

VITAL STATISTICS.

The population of your district I still maintain as last year, viz. : 6,666.

BIRTHS.—One hundred and seventy-six were registered during the year, 92 males and 84 females, giving a birth-rate of 26·4. This is a very decided improvement upon the preceding year, when the births were 144 only, and the rate 21·6.

DEATHS.—One hundred and twenty-five were recorded, giving a death-rate of 18·75, an increase upon last year, when the deaths were 116 and the rate 17·4.

AGES AT DEATH.—Twenty were of children under 1 year, equal to 160 per 1,000 births; 15 were 1 and under 5; 9 were 5 and under 15; 7 were 15 and under 25; 38 were 25 and under 65; 32 were over 65, and of these 21 were over 70 and 5 over 80 years of age.

CAUSES OF DEATH.—Lung affections were the cause of death in 27 cases, giving a Respiratory death-rate of 4·05, an improvement upon last year when with 34 such deaths the rate was 5·1. Half of the cases, nearly, viz., 12, were due to Phthisis.

ZYMOTIC DISEASES.—Twelve deaths are the resultant of this class of diseases, made up of 4 from Measles; 2 each from Influenza, Diphtheria and Croup, and 1 each from Scarlet and Typhoid Fever. Measles, as I have previously remarked, were epidemic in your district during the first and second quarters of the year, so much so that it became necessary to close the “Mechanics’ School.” Scarlet Fever has also been much in evidence; 35 cases of the disease have been notified to me, scattered practically over the whole of your district, but mainly occurring at the east end of the township, in the neighbourhood of Spring Mill, Whiteley Bottom and the road leading thence up past Storth and Common End. Every effort was made to trace these cases to some common origin, but without avail, and although in several cases suspicion pointed to an infected milk supply or supplier, I was eventually impelled to the conclusion that the main factor inducing the spread was the intermingling at school of the children, some suffering from the disease so slightly as to escape observation, yet amply sufficient to infect others, and so lead to its dissemination. I paid frequent visits to the schools in the neighbourhood, had all suspicious or possible cases excluded, isolated the existing cases as far as possible, (obtained in two extreme cases admission to the Birkby Hospital), and eventually met with a well merited success, the outbreak terminating, and with only one fatality.

The two deaths from Influenza occurred in the second quarter, when that disease was practically epidemic throughout the districts. I have no doubt that in your township particularly, attacks of this character were primarily responsible for many of the large number of deaths of old people.

Eight cases of Typhoid Fever were notified, but only in one instance did death ensue,

Of the remaining causes of death, 11 were due to Heart Disease ; 7 to Convulsions in Infants ; 4 to Cancer ; 10 from old age ; and 4 to accident or violence.

SANITARY.

Much has been done in this direction in your district during the past year. The scavenging is well done by the Council's servants, and the frequent house-disinfections by your Inspector, have invariably proved effectual. Considerable progress has been made with your drainage scheme. Your Street improvements by means of widening, and demolition of old buildings, are much to be commended

For a detailed statement of the work done during the year, I cannot do better than insert the comprehensive report of your Sanitary Inspector.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

SANITARY INSPECTOR'S REPORT.—LINTHWAITE.

During the year 9 samples of Milk have been purchased and submitted to Mr. Allen for analysis, with the following results :—

Genuine. Suferior quality. Fair quality. Inferior quality.

2

1

5

1

Two samples of Water have also been analysed by Mr. Allen—No. 1 sample being satisfactory ; No. 2 sample slightly contaminated by infiltration of surface drainage.

The following Smoke observations have been taken :—

No.	Business.	Time.	Dense.	Smoke.		Total.	Action taken by Firm.
				Moderate.	None.		
No. 1	Manufacturers	10-20 to 10-50	14 $\frac{1}{2}$	11 $\frac{1}{2}$	4	30	Fixed new and enlarged boiler, fixed economizer, improved self- feeders.
			9 $\frac{1}{2}$	16	4 $\frac{1}{2}$	30	
No. 2	Dyeworks	2-50 to 3-20	6 $\frac{1}{2}$	6	17 $\frac{1}{2}$	30	Fixed additional boiler.
		11-20 to 11-50	8 $\frac{3}{4}$	13 $\frac{1}{4}$	8	30	
No. 3	Manufacturers	11-15 to 11-45	9 $\frac{1}{2}$	12 $\frac{3}{4}$	7 $\frac{3}{4}$	30	
		10-30 to 11-0	12 $\frac{1}{2}$	10 $\frac{1}{2}$	7	30	
No. 4	Manufacturers	11-40 to 12-10	8	20	2	30	Erecting new and enlarged chimney.
		10-25 to 10-55	16 $\frac{1}{2}$	13 $\frac{1}{2}$		30	
		11-0 to 11-30	29 $\frac{1}{2}$	$\frac{1}{2}$		30	

Part of carcase of cow, which was dressed apparently for Market, was given up by the owner, and buried in lime.

320 yards of 12in. earthenware pipe sewer has been laid at Croft and Holt Head.

398 yards of 9in. earthenware pipe sewer has been laid at Blackmoorfoot and Slades.

2,704 closets have been emptied by the Council's Scavengers.

2,551 loads of refuse have been carted to the Council's tips, and a large quantity taken by farmers.

603 tubs have been emptied.

A number of houses have been disinfected after cases of infectious disease.

Slaughter-houses and Cow Sheds have been regularly visited.

The following is the summary of work carried out during the year. A great many nuisances of a minor nature were also carried out by drawing the owner's attention to same.

Drains requiring re-construction ...	...	...	12
Drains requiring connecting with main sewer ...	...	...	3
Drains not efficiently trapped ...	...	...	40
Drains requiring ventilating shafts ...	...	...	10
Defective sink drains ...	...	...	6
Do. yard drains ...	...	...	46

Sink pipes requiring disconnection	...	...	29
Drains removed from under dwelling	...	...	1
Nuisances from want of drains	...	...	5
Insufficient closet and ashpit accommodation	...	...	2
To provide proper means of drainage	...	...	8
Do. tanks for liquid manure	...	...	2
Defective water closets	...	...	11
Houses requiring proper ventilation	...	...	1
Stagnant water in cellars drained	...	...	5
Offensive accumulations	...	...	4
To remove pig styes	...	...	7
Closets converted to tub system	...	...	6

WILSON WOOD, Inspector.

**Table of Births and Deaths, occurring in each Quarter,
with ages at Death.**

Population.	Period.	Births.	Deaths under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	Deaths at all ages.
6,666	1st Quarter	41	6	4	4	4	7	10	35
	2nd Quarter	51	2	5	2	0	11	6	26
	3rd Quarter	53	9	4	2	2	10	6	33
	4th Quarter	31	7	2	1	1	10	10	31
		176	24	15	9	7	38	32	125

**Table shewing Births and Deaths (Total, Zymotic, and
Respiratory) from 1885 to 1895.**

Year.	Births.	Total Deaths	Zymotic Deaths.	Respiratory Deaths.
1885	..	122	15	35
1886	206	112	4	33
1887	171	143	19	47
1888	223	110	8	32
1889	181	127	10	42
1890	170	129	3	33
1891	167	149	16	57
1892	184	96	9	33
1893	163	104	14	29
1894	144	116	13	34
1895	176	125	12	27

**Deaths classified according to Disease, and with regard to
Ages and Periods.**

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	Ist Quarter	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	Ist Quarter.	2nd Quarter.	3rd Quarter.	4th Quarter.	Totals.	
Small Pox .....	..	..	..	..	..	..	..	..	..	..	..
Measles.....	..	I	2	I	4	..	..	..	..	..	4
Scarlet Fever .....	..	..	I	..	I	..	..	..	..	..	I
Diphtheria .....	..	I	..	..	I	..	I	..	..	I	2
Whooping Cough..	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever ..	..	..	..	..	..	I	..	..	..	I	I
Diarrhœa, &c.....	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..	..
Croup .....	..	..	I	I	2	..	..	..	..	..	2
Pyæmia .....	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	I	..	..	I	2	2	..	..	2	4	6
Cancer .....	..	..	..	..	..	I	I	..	2	4	4
Influenza .....	..	..	..	..	..	..	2	..	..	2	2
Phthisis .....	..	..	I	..	I	3	2	4	2	II	12
Rheumatic Fever	..	..	..	..	..	..	..	..	..	..	..
Convulsions.....	2	..	I	3	6	..	..	I	..	I	7
Heart Disease....	..	..	..	..	..	4	..	3	4	II	II
Bronchitis, &c., &c.	I	2	..	I	4	2	2	..	I	5	9
Childbirth .....	..	..	..	..	..	..	I	..	..	I	I
Premature Birth..	..	..	2	..	2	..	..	..	..	..	2
Old Age .....	..	..	..	..	..	4	I	2	3	10	10
Accident, Violence, &c. ....	..	..	..	..	..	..	2	I	I	4	4
Other Diseases ..	6	2	6	2	16	8	7	9	7	31	47
	10	6	14	9	39	25	19	20	22	86	125

GOLCAR, JANUARY, 1896.

*Messrs. the Sanitary Authorities of the Urban District of
Marsden.*

GENTLEMEN,

I have the honour to lay before you my Annual Report upon your district for the year 1895.

VITAL STATISTICS.

In my report of last year I referred to the probable increase of your population, owing to imported labour in connection with the railway tunnel works then in progress, and my intention to have the statistics for this year upon amended figures, if similar conditions obtained.

To a very considerable extent, however, this movable population has left (the works being practically completed), and with that I think the figures taken during the past few years will most nearly represent your actual population of to-day. I maintain, then, the number as 3,855.

BIRTHS.—One hundred and twenty-two were registered: 58 males and 64 females, producing a birth-rate of 31·65, considerably in advance, not only of the rate for the combined districts, but of that for any other of the districts included in the Authority. Although so high, however, it is lower than last year, when the births were 130 and the rate 33·7. This, however, is probably accounted for by the excess of population then existent, and unconsidered.

DEATHS.—Eighty-one took place during the year, or 21·01 per 1,000 persons living, giving a death-rate of 21·01. In this again your record is higher than in any of the other districts. It is, nevertheless, better than in the preceding year, when the deaths were 87 and the rate 22·57.

AGES AT DEATH.—Twenty-five were under 1 year, or nearly 205 per 1,000 of the births, a mortality amongst infants very much above the average; 8 were 1 and under 5; 2 were 5 and under 15; 5 were 15 and under 25; 28 were 25 and under 65; 13 were 65 and over.

CAUSES OF DEATH.—Twenty-seven deaths were due to disease of the Respiratory Organs, producing a death-rate from this class of disease of 7·0, again a higher rate than obtains in any of the other districts. Last year these deaths were 20 only, and the rate 5·19. 12 of these deaths were due to Phthisis.

Zymotic Disease was responsible for 6 deaths only, producing a rate of 1·56, practically equal to the general Zymotic rate of the Combined District. 3 of these deaths were from Typhoid, 2 from Diphtheria, and 1 from Influenza. The number and rate are identical with that of last year, which was a striking improvement over the year 1893, when there were 17 deaths and a rate of 4·41.

In regard to the epidemic of Scarlet Fever during the months of November and December, my special report to you upon which is appended, I am happy to say that at the present time there seems every reason to believe the outbreak at an end, two cases only having arisen during the whole of January, and those in the first three days.

Of the other deaths, 6 were due to Convulsions; 5 to Heart Disease; 5 to old age, and 3 from accident or violence.

SANITARY.

I cannot too strongly express my approval and satisfaction at the advances made by your Council in this respect during the year. You have very wisely adopted the Compulsory Notification of Diseases Act, and I am hopeful that this may

be a means in the future of arresting, at an early stage, any outbreak of infectious disease. Also you have during the year initiated the scavenging of your district by servants of your Council, a course that cannot but lead to very much more effectual carrying out of this important duty. You have also progressed greatly in the matter of a comprehensive scheme for the efficient drainage of your district; having received the sanction of the Local Government Board, not only to that, but to the borrowing of money for the purpose of executing the work.

Your Inspector reports that little difficulty has been experienced in inducing the removal of nuisances when pointed out to owners of property. In no case has any legal proceedings been found necessary.

A large number of disconnections, and sufficient drainage appliances await the construction of the general system of sewerage.

The Lodging-house, Slaughter-houses, and Cowsheds, have been several times visited, and are in a very fair condition.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

**Table of Births and Deaths occurring in each Quarter,
with ages at Death.**

Population.	Period.	Births.	Deaths under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards	Deaths at all ages.
3,855	1st Quarter	35	6	3	0	1	8	1	19
	2nd Quarter	28	9	2	0	3	8	7	29
	3rd Quarter	33	5	1	2	1	5	1	15
	4th Quarter	26	5	2	0	0	7	4	18
		122	25	8	2	5	28	13	81

Table shewing Births and Deaths (Total, Zymotic, and Respiratory) from 1885 to 1895.

Year.	Births.	Total Deaths	Zymotic Deaths.	Respiratory Deaths.
1885	96	56	..	16
1886	79	59	5	21
1887	113	59	..	21
1888	94	59	2	17
1889	89	52	6	15
1890	90	76	2	31
1891	115	80	10	27
1892	116	68	10	21
1893	141	75	17	26
1894	130	87	6	20
1895	122	81	6	27

Deaths classified according to Disease, and with regard to Ages and Periods.

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	
Small Pox .....	..	..	..	..	..	..	..	..	..	..	..
Measles.....	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever .....	..	..	..	..	..	..	..	..	..	..	..
Diphtheria	2	..	..	..	2	..	..	..	..	..	2
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..
Typhoid Fever ..	..	..	..	..	..	1	1	..	1	3	3
Diarrhoea, &c. ....	..	..	..	..	..	..	..	..	..	..	..
Erysipelas .....	..	..	..	..	..	..	..	..	..	..	..
Croup .....	..	..	..	..	..	..	..	..	..	..	..
Pyæmia .....	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	3	..	1	..	4	1	..	..	..	1	5
Cancer .....	..	..	..	..	..	..	..	..	1	1	1
Influenza .....	..	..	..	..	..	..	1	..	..	1	1
Phthisis .....	..	..	..	..	..	1	4	5	2	12	12
Rheumatic Fever .....	..	..	..	..	..	..	..	..	..	..	..
Convulsions.....	..	3	1	2	6	..	..	..	..	..	6
Heart Disease ..	..	..	..	..	..	2	1	1	1	5	5
Bronchitis, &c. &c.	1	4	..	1	6	1	2	..	1	4	10
Childbirth .....	..	..	..	..	..	..	..	..	..	..	..
Premature Birth..	..	..	1	1	2	..	..	..	..	..	2
Old Age .....	..	..	..	..	..	1	2	..	2	5	5
Accident, Violence, &c.	1	..	..	..	1	..	..	1	1	2	3
Other Diseases ..	2	4	3	3	12	3	7	2	2	14	26
	9	11	6	7	33	10	18	9	11	48	81

GOLCAR, JANUARY, 1896.

*Messrs. the Sanitary Authorities of the Urban District of
Scammonden.*

GENTLEMEN,

I have the honour to present to you my Report upon the health of your district for the year 1895.

It continues of a favourable and satisfactory character.

To my knowledge there has been no case of infectious disease, nor any serious infringement of the Health Acts.

DEATHS.—Eight deaths were registered during the year, producing a death-rate of 17·66, exactly the same number and rate as in the year preceding. Of these 8 deaths, 3 were due to Respiratory disease, and 2 to accident or violence.

AGES AT DEATH.—One under 1 year; 2 between 25 and 65; 5 above this age, and 3 between 70 and 80.

BIRTHS.—There were 13 births, 7 males and 6 females, a larger number than has been the case since 1888. The birth-rate produced is 28·70. Last year with only 9 births, it was 19·87. Seven of the births occurred in the third quarter, for which the phenomenal birth-rate of 61·81 was recorded.

I append similar comparative and analytical tables as for the other districts.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

**Table of Births and Deaths occurring in each Quarter,
with ages at Death.**

Population.	Period.	Births.	Deaths under 1 year.	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards.	Deaths at all ages.
453	1st Quarter	1	0	0	0	0	1	1	2
	2nd Quarter	1	1	0	0	0	0	3	4
	3rd Quarter	7	0	0	0	0	1	0	1
	4th Quarter	4	0	0	0	0	0	1	1
		13	1	0	0	0	2	5	8

Table shewing Births and Deaths (Total, Zymotic, and Respiratory), from 1885 to 1895.

Year.	Births.	Total Deaths	Zymotic Deaths.	Respiratory Deaths.
1885	13	6	0	2
1886	13	12	0	5
1887	11	7	1	0
1888	15	12	0	1
1889	4	4	0	0
1890	7	12	0	6
1891	8	5	1	2
1892	6	5	0	2
1893	9	10	0	3
1894	9	8	0	4
1895	13	8	0	3

Deaths classified according to Disease, and with regard to Ages and Periods.

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	
Small Pox
Measles.....
Scarlet Fever
Diphtheria
Whooping Cough
Typhoid Fever
Diarrhoea, &c.
Erysipelas
Croup
Pyæmia
Pneumonia	I	I	2	2
Cancer	I	..	..	..	I	I
Influenza
Phthisis
Rhenmatic Fever
Convulsions.....
Heart Disease
Bronchitis, &c. &c.	I	..	..	I	..	..	..	..	..	I
Childbirth
Premature Birth
Old Age	I	..	..	I	I
Accident, Violence, &c.	2	..	..	2	2
Other Diseases	I	..	..	..	I	I
	..	I	..	..	I	2	3	I	I	7	8

GOLCAR, JANUARY, 1896.

*Messrs. the Sanitary Authorities of the Urban District
of Slaithwaite.*

GENTLEMEN,

I beg to present you with my Report upon the health of your township during the year 1895.

Your population, for the reason previously given, I return at 4570.

VITAL STATISTICS.

BIRTHS.—One hundred and fourteen (58 males and 56 females) were registered during the year, giving a birth-rate of 24·94. Last year, with two births less, the rate was 24·51.

DEATHS.—These numbered 81, producing a death-rate of 17·72 per 1000 living. This is considerably higher than last year, when with 60 deaths the rate reached the lowest point ever attained, viz., 13·13. The exceptional severity of the weather, and the epidemic of Measles are undoubtedly accountable for the increase.

AGES AT DEATH.—15 were under one year, or 131 per 1000 of the births; 11 were 1 and under 5; 4 were 5 and under 15; 2 were 15 and under 25; 23 were 25 and under 65; and 26 were 65 and upwards

CAUSES OF DEATH.—19 were due to diseases of the Respiratory Organs, producing a death-rate from these causes of 4·16, an advance upon last year, when there were 14 such deaths, and a rate of 3·06; six of the deaths were due to Phthisis.

ZYMOTIC DISEASE.—Measles alone has exerted an influence upon your death-rate as regards diseases of this character; the whole of your Zymotic deaths, viz., 6, being due to this disease. They produce a death-rate of 1·31. It is unfortunately in your district that my remarks in the report to the combined districts, as to the carelessness and indifference of parents with regard to these diseases of

childhood most forcibly apply. Although the epidemic invaded almost every house in your district, one cannot but feel that the number of fatalities would have been even less, had more initial care been taken ; or medical care sought at an earlier stage, when complications supervened.

My reports to your Council upon the epidemic, and advice *re* closure of schools will be found appended.

Heart Disease was the cause of death in 6 cases ; Convulsions in 5 ; accident in 4 ; whilst 9 were resultant upon Senile decay.

SANITARY.

Considerable progress is being made in the carrying out of the scheme of Sewerage and Sewage Disposal Works recently adopted by you. Its completion and usage must be productive of much good, and particularly in freeing the river from much of the foul and deleterious matters that at present find their way thereinto. Apart from this necessity, I have, in the course of my frequent visits, found the Sanitary condition of your township to be good, and the Scavenging of the district well and efficiently carried out by your officials.

I append your Inspector's Report, and am pleased to endorse its contents.

I have the honour to be, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

SANITARY INSPECTOR'S REPORT FOR 1895.

During the year 1895 upwards of forty nuisances of a more serious nature were inspected by me, and reported to the Urban District Council, no prosecutions were necessary, as the nuisances were remedied. A large number of nuisances of a minor character were abated on my acquainting the parties

interested. Our scavengers have emptied about 870 closets and ashpits during the year just closed, which has all been carted away by farmers in the outer districts, and used as tillage on the land. We have also collected and burned in our Destructor at Waterside above 250 loads of vegetable matter, paper, &c., which was formerly taken to the public tip at Lower Rotcher, and was frequently a source of danger to health, besides having the waste paper, &c. blown about by the wind, the tip is now, therefore, in a more satisfactory and sanitary condition. About 1,520 yards of sewer pipes have been laid during the year, which nearly completes Contract No. 1 (executed by Messrs. Etheredge & Clarke, Manchester), and includes the village on the north side of the River Colne, the work of connecting to said sewers is now being proceeded with; the No. 2 Contract, which includes the south side of the river, will shortly be let and in progress. A few houses have also been disconnected during the past twelve months, but as the work of connecting houses with the new sewers proceeds the disconnections will be general.

During the year I have had to report the unsatisfactory state of the drainage at Slaithwaite Hall, a small hamlet or fold of fifteen houses and farmsteads, near the western boundary of Slaithwaite, on giving notice to the ground landlord (Lord Dartmouth), we were met in a proper spirit, and myself and the under steward (Mr. Eagland), visited the place, and on my explaining to him what was wanted, he reported at once to Lord Dartmouth's Agents (Messrs. Thynne & Thynne), and they decided to drain the place in a satisfactory manner, and the work will shortly be done.

We had in May last an outbreak of Measles in the neighbourhood of West Slaithwaite Schools. The Medical Officer and myself visited the district and schools many times, and the schools were compulsorily closed. The drainage at

the schools was also put into a more satisfactory state, as the result of our inspections and recommendations. On the Measles spreading, the other schools in the village were voluntarily closed for a time. Under my personal supervision our men thoroughly disinfected the whole district.

Great care is taken that all plans are passed by the Urban District Council with a due regard to air space and ventilation and the drainage in accordance with the Bye-laws.

The water is supplied by Lord Dartmouth, and is good in quality and an abundant supply. The wells and springs in the outside districts are watched closely to prevent percolation and contamination, and none have had to be closed.

We have thirteen places registered under the Cowsheds and Dairies Act, which have been regularly inspected and found satisfactory, as are also the bakehouses and slaughter-houses.

THOMAS COCKS,

Sanitary Inspector to the Slaithwaite Urban
District Council.

Slaithwaite, January, 1896,

**Table of Births and Deaths occurring in each Quarter,
with Ages at Death.**

Population.	Period.	Births.	Deaths under 1 year.	1 and under 5	15 and under 15	5 and under 25	25 and under 65	65 and upwards.	Deaths at all ages.
4,570	1st Quarter	27	3	0	1	0	8	8	20
	2nd Quarter	30	3	8	0	0	7	4	22
	3rd Quarter	28	5	2	0	1	2	4	14
	4th Quarter	29	4	1	3	1	6	10	25
		114	15	11	4	2	23	26	81

Table shewing Births and Deaths, (Total, Zymotic, and Respiratory), from 1885 to 1895.

Year.	Births.	Total Deaths	Zymotic Deaths.	Respiratory Deaths.
1885	144	75	1	21
1886	116	77	10	27
1887	118	105	8	31
1888	125	90	8	27
1889	106	101	10	27
1890	115	76	16	24
1891	120	87	3	32
1892	140	105	7	49
1893	157	100	13	30
1894	112	60	7	14
1895	114	81	6	19

Deaths classified according to Disease, and with regard to Ages and Periods.

DISEASE.	UNDER FIVE YEARS.					OVER FIVE YEARS.					Grand Totals.
	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	Totals.	
Small Pox
Measles.....	..	5	1	..	6	..	..	..	..	..	6
Scarlet Fever
Diphtheria
Whooping Cough
Typhoid Fever
Diarrhœa, &c.....
Erysipelas
Croup
Pyæmia
Pneumonia	1	1	2	..	..	..	..	..	2
Cancer	1	..	..	..	1	1
Influenza
Phthisis	2	2	..	2	6	6
Rheumatic Fever
Convulsions.....	..	1	1	3	5	..	..	..	..	..	5
Heart Disease.....	2	..	..	4	6	6
Bronchitis, &c. &c.	1	1	1	3	3	..	1	4	8	11
Childbirth
Premature Birth	1	..	..	..	1	..	..	..	..	..	1
Old Age	4	2	..	3	9	9
Accident, Violence, &c.	1	..	..	1	1	1	..	1	3	4
Other Diseases ..	2	3	3	..	8	4	6	6	6	22	30
	3	11	7	5	26	17	11	7	20	55	81

SPECIAL REPORTS

Made to the Several Councils of the Authority, upon Outbreaks of
Infectious Diseases and Closure of Schools.

GOLCAR, MAY 11TH, 1895.

*Messrs. the Sanitary Authorities of the Urban District of
Slaithwaite.*

MR. CHAIRMAN AND GENTLEMEN,

In response to a message (from your Sanitary Inspector, Mr. Cocks) sent by telegram on Friday morning, May 10th, I visited at noon the West Slaithwaite National School; I found that the master (Mr. Shackleton) had dispersed the children at noon, and determined not to hold the afternoon meeting in consequence of the greatly decreased attendance; only 29 (Infants and Mixed together) being present in the morning. Ordinarily the average attendance ranges from 70 to 85. The previous week the average was 59.

This condition was due to an epidemic of Measles in the neighbourhood, and I was informed that quite four-fifths of the absentees were either afflicted or inhabitants of infected houses. Several children had been sent from school with the preliminary symptoms manifest. I feel it my duty to advise that in consequence of the general prevalence of the disease in the neighbourhood, which is a scattered one, as also the effects it has had, and is likely to have, upon the school attendance—the closure of the school, and I would further suggest that the period of such closure should at present be stated at one week. During that time full inquiry can be made into all the circumstances of the epidemic, and the school then closed for such further period as may then seem to be necessary and advisable.

I am, Gentlemen,

Yours faithfully,

ALFRED GEORGE WEBSTER.

GOLCAR, MAY 18TH, 1895.

*Messrs. the Sanitary Authorities of the Urban District of
Slaithwaite.*

MR. CHAIRMAN AND GENTLEMEN,

In the matter of the West Slaithwaite School, which as you are aware has been closed during the past week. I have myself, and also by your Sanitary Inspector (Mr. Cocks), made full inquiry into the numbers and condition of the children still affected by the epidemic of Measles; in consequence of which the school was primarily closed. A very large number of children are still suffering from the disease, and new cases frequently arising. I am of opinion that it would be unwise to re-open the school at present, and would advise its closure for another fortnight, which will bring us to the Whitsuntide holidays. I may add here that Mr. Rose, your Vicar, at once closed the school for Sunday school purposes upon my mentioning the matter to him. In the course of our examination we found a number of serious defects in the Sanitary surroundings of the school. The closets and drain arrangements require to be thoroughly overhauled. The Managers of the school, at a meeting on the premises, have had these matters pointed out to them, and have expressed their willingness to carry out the alterations suggested. The necessity of their being done during the closure of the school has been urged upon them, and indeed their importance is sufficiently great to justify its being made a condition without which the school shall not be re-opened.

I am, Gentlemen,

Yours faithfully,

ALFRED GEORGE WEBSTER.

GOLCAR, JUNE 20th, 1895.

*Messrs. the Sanitary Authorities of the Urban District of
Slaithwaite.*

MR. CHAIRMAN AND GENTLEMEN,

In consequence of the low attendance at the National School in your district, due to the epidemic of Measles in the districts surrounding, and having regard to the fact that new cases of the disease are frequently arising in children attending there, I feel it is advisable to close the school, and would suggest that this be done for the period of a fortnight.

I am, Gentlemen,

Yours faithfully,

ALFRED GEORGE WEBSTER.

GOLCAR, JUNE 20th, 1895.

To the Sanitary Authorities of the Linthwaite Urban District.

MR. CHAIRMAN AND GENTLEMEN,

In consequence of the continued epidemic of Measles in the district surrounding the Slaithwaite and Linthwaite Mechanics' School, and in consideration of the reduced attendance of children and the frequent occurrence of new cases, I feel it necessary to advise the closure of the school until the 8th of July.

I am, Gentlemen,

Yours faithfully,

ALFRED GEORGE WEBSTER.

GOLCAR, JULY 22ND, 1895.

*Messrs. the Sanitary Authorities of the Urban District of
Golcar.*

MR. CHAIRMAN AND GENTLEMEN,

The Measles epidemic has now invaded your district, and particularly so the central portions. I have on several occasions visited the schools immediately concerned, and have received the active assistance of the school authorities in keeping away children from infected houses, &c., &c. The School Board also have very wisely distributed a circular bearing upon the epidemic, a copy of which I enclose. During last week, however, and again to-day, the attendance at the Golcar National and the Knowl Bank Board Schools has so very materially been reduced, that in view of the near approach of the holidays, I feel it my duty to advise the immediate closure of those two schools, say, until Monday, the 19th of August, which period would include a portion, if not all, the usual holiday.

I am, Gentlemen,

Yours faithfully,

ALFRED GEORGE WEBSTER.

GOLCAR SCHOOL BOARD.

SCARLET FEVER, MEASLES, &c., &c.

TO PARENTS AND GUARDIANS OF CHILDREN,

Inasmuch as Infectious Disease of the above types exist in the neighbourhood, and the congregating of children in the schools of the Township, presents, in the absence of proper

precautions, so ready a means of spreading and continuing its effects, the Board earnestly invite the co-operation of parents and guardians in their efforts, and those of the Sanitary Authority, to prevent any possibility of these diseases becoming epidemic.

Do not allow your children to enter, and do not yourselves enter, houses where sickness exists, unless you have every reason to be satisfied that it is not of an Infectious character.

Should any suspicious symptoms occur in any case, for instance, headache, shiverings, general drowsiness, running of the eyes or nose, sore throat, rash, &c., it is advisable that the child should be at once put to bed in a warm, well ventilated room, and a light milk diet given.

Should the case prove of a simple or non-infectious character, nothing but good will have been done ; whilst on the other hand, should the symptoms increase in severity, a doctor should undoubtedly be sent for, and the patient would have gained and not lost by the efforts made to treat the disease in its early stages.

Upon every occasion that a child develops these suspicious symptoms, it must be carefully remembered that all other children from the same house should be kept from school, and isolated as much as possible, not only from the sick child, but from other children in the neighbourhood. When the character of the attack is declared, this seclusion must either be maintained, or the other children can be allowed to attend school, as the case may be. In all such cases it is desired that a message may be sent to the master of the school at which the child or children were attending.

Generally speaking, no child should be sent to school within 14 days after its recovery, or within 14 days after the

recovery of any other child in the same house from Measles. In the case of Scarlet Fever, the period is about six weeks. In any case, not until the process of peeling off of the skin from every part of the body is completed. Instructions upon this point should always be sought and taken from the doctor in attendance upon the case.

Do not forget the importance of having both houses and clothing disinfected upon the conclusion of these diseases. The District Council undertake this duty. Application should be made to their Sanitary Inspector, Mr. WM. HAIGH, Wellhouse, Golcar.

It is impossible to calculate the amount of sickness that will be spared, or the number of lives saved by careful attention to these suggestions.

We cannot too earnestly commend to you the duty of dealing with your own sick children, who are liable to convey the disease to others, exactly as you would wish other people to do were their children sick, and yours well.

Signed on behalf of the Board,

DAVID J. BAILEY, Clerk.

*To Messrs. the Sanitary Authorities of the Urban District
of Marsden.*

MR. CHAIRMAN AND GENTLEMEN,

I beg herewith to present to you a report upon the outbreak of Scarlet Fever in your district. Some twenty-five to thirty cases of this disease have arisen there during last and the present month. I have every reason to believe that the disease was introduced by a visitor, with children, to the district, one of whom was taken ill during the visit and

removed. I have, as yet, however, been unable to ascertain definitely whether the disease was Scarlet Fever or no. Anyway, about a week later the first case of Fever occurred in the house so visited. Every precaution has been taken, isolation insisted upon as far as possible in the absence of any hospital provision, house to house visitation made, handbills *re* the disease circulated, and disinfectants widely and freely distributed.

In the matter of the milk supply, I have been entirely unable to trace the spread of the disease by this channel, although I have considered it advisable to stop one or two small questionable supplies. In the matter of the schools, I have frequently visited them and examined the children, and have had very carefully excluded all children from infected houses or blocks. This being done, and convinced, as I am, that the spread of the disease was due alone to the careless recklessness with which the people intermingle and visit at each others homes, I concluded not to advise the closure of the schools before the holidays, in the belief that this course was less likely to bring about a spread of the disease than if the children were turned adrift upon the streets, to mingle generally with the children previously excluded.

I have to add that fortunately no one case has exhibited any serious symptoms, the peculiarity indeed of the epidemic being the unvaried mildness of every attack.

I have arranged for a thorough fumigation and disinfection of each house upon recovery of the patient, and shall hope to report again in a few weeks as to the complete obliteration of the disease.

I am, Gentlemen,

Your obedient Servant,

ALFRED GEORGE WEBSTER.

GOLCAR, DECEMBER 2ND, 1895.

*Messrs. the Sanitary Authorities of the Urban District of
Golcar.*

MR. CHAIRMAN AND GENTLEMEN,

On visiting the Wellhouse Board School on Friday afternoon last, I found the attendance in the Infants' Department reduced to eleven children, and this in consequence of the great prevalence of Whooping Cough. Considering the large number of cases of this disease and its communicability amongst younger children, I would advise the closure of this department for the three weeks remaining before the Xmas holidays, and also that during that period, or at all events before the children reassemble, there should be a thorough disinfection and cleansing of the premises.

I am, Gentlemen,

Yours faithfully.

ALFRED GEORGE WEBSTER.



